

Hideki KEMMOCHI SINGING VOICE SYNTHESIZING APPARATUS, SINGING VOICE SYNTHESIZING... Sheet 3 of 9

## FIG.1C

## ARTICULATION DATA

FIRST PHONEME NAME	FOLLOW- ING PHONEME NAME	HARMONIC COMPONENT (CHARACTERISTIC PARAMETER CHAIN)	STOCHASTIC COMPONENT (SPECTRUM CHAIN)
#	s		
s	а		
а	i		
i	t		
t	а		

## STATIONARY DATA

. . . . . . . . .

PHONEME	HARMONIC COMPONENT (CHARACTERISTIC PARAMETER CHAIN)	STOCHASTIC COMPONENT (SPECTRUM CHAIN)
а		<b>X</b>
i	<u> </u>	

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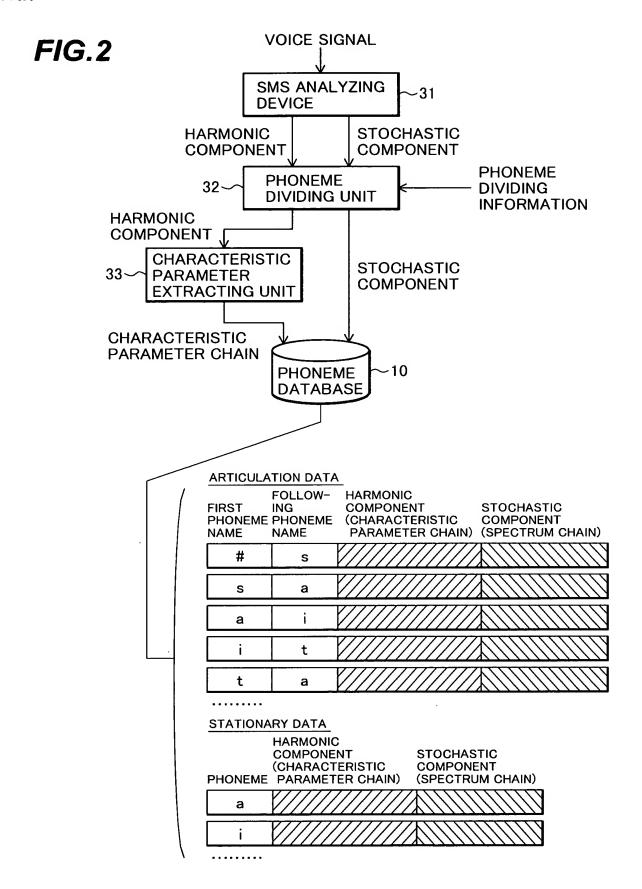


FIG.3A

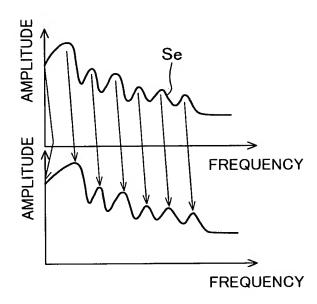
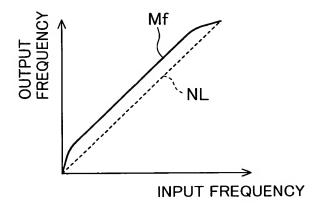


FIG.3B



NOT MOVE NOT MOVE TO LOWER POSITION MOVE TO LEFT (MAXIMUM) NOT MOVE TO HIGHER POSITION NOT MOVE NOT MOVE INPUT FREQUENCY INPUT FREQUENCY -Mf 뉟 뉟 OUTPUT FREQUENCY OUTPUT FREQUENCY FIG.4B FIG.4A



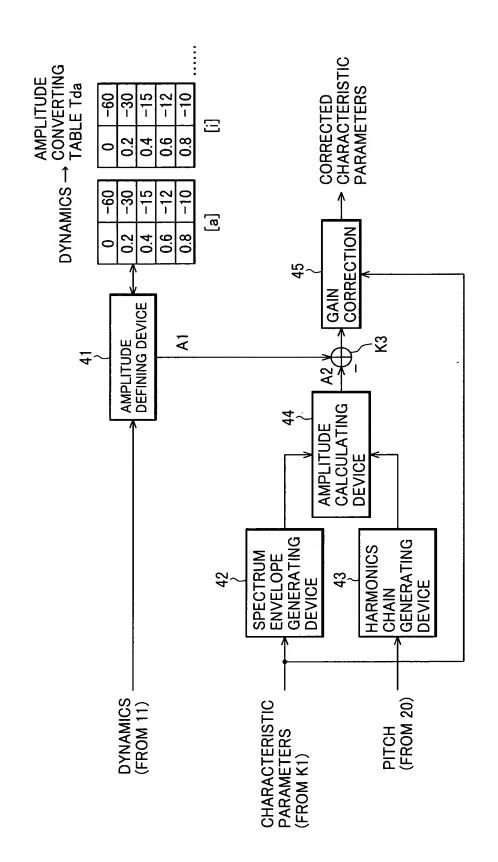
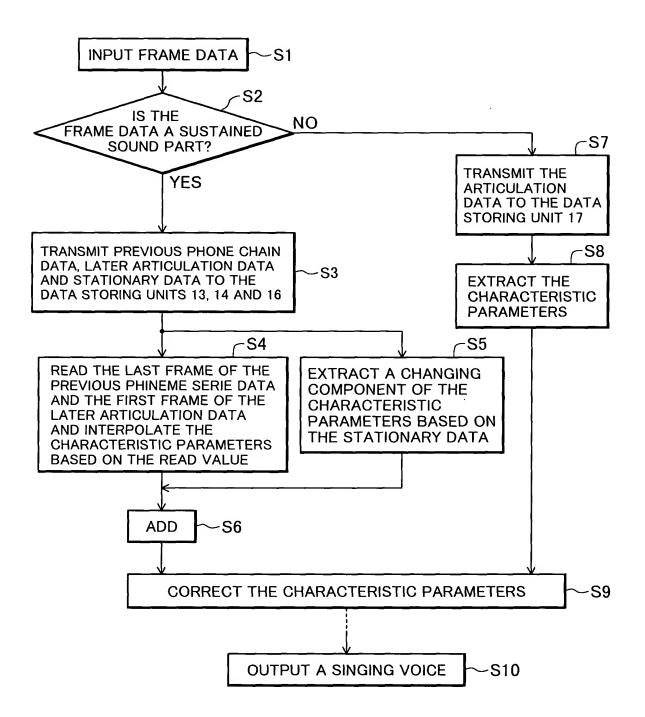


FIG.6



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FIG.7

